

# Plenary Panel

*Innovation as a Solution  
for Farmers*





# **Innovators**

**Financiers**

**Conservationists**

**Risk Takers**

**Agronomists**

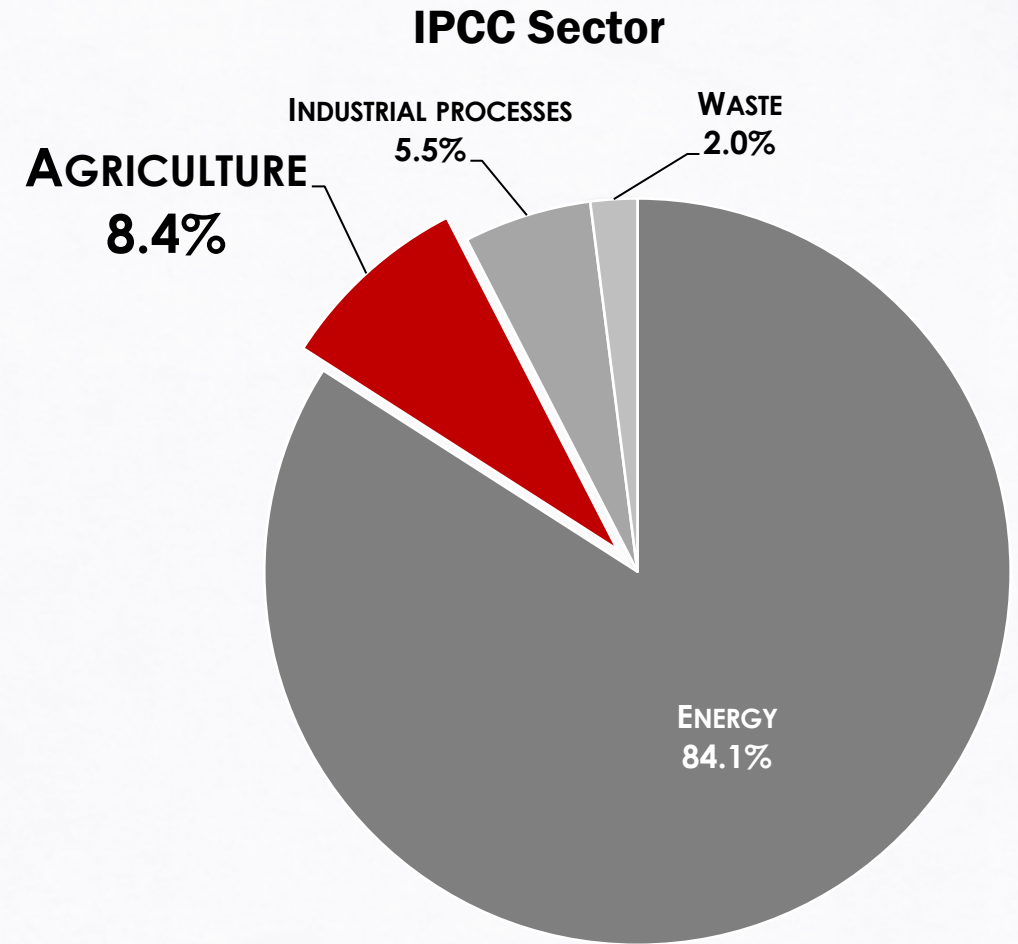
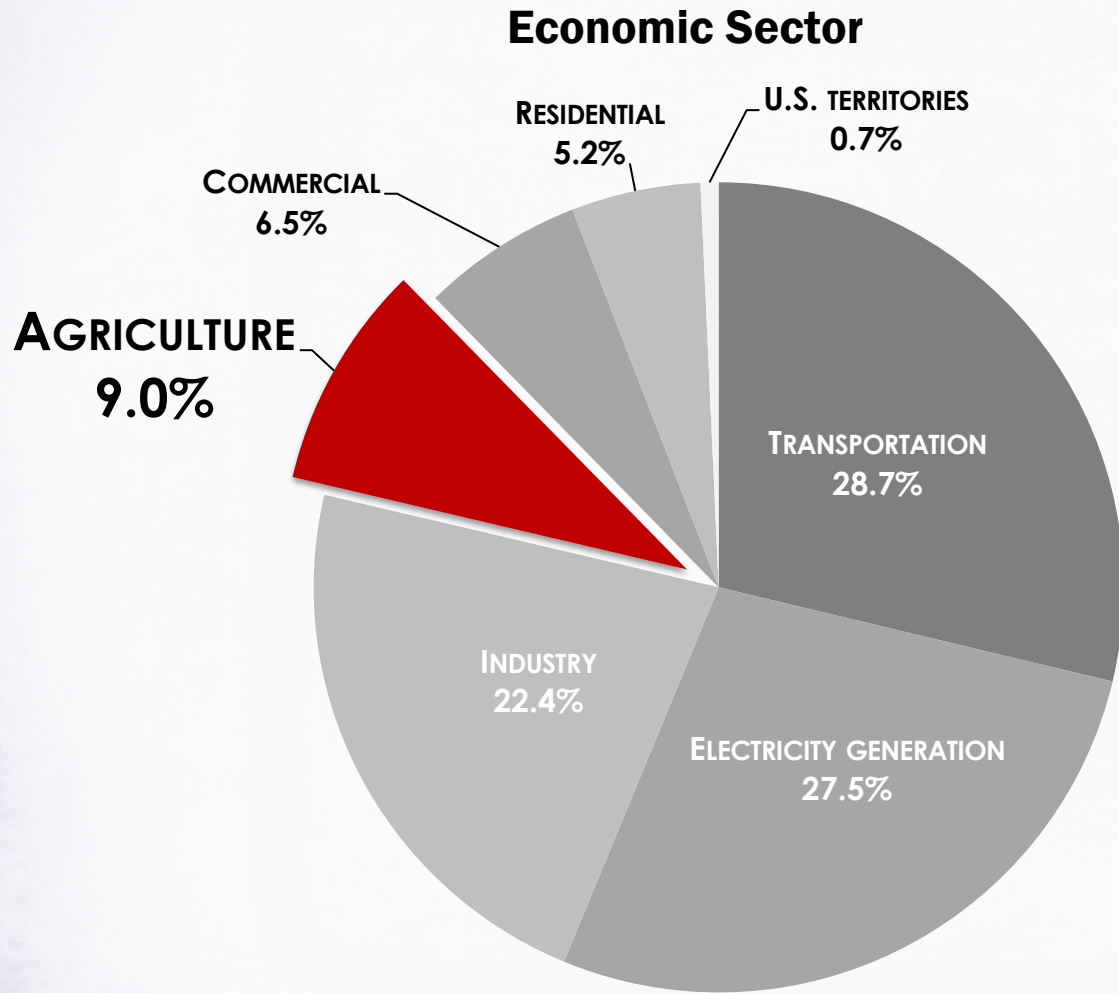
**Economists**

**Meteorologist**

**Engineers**

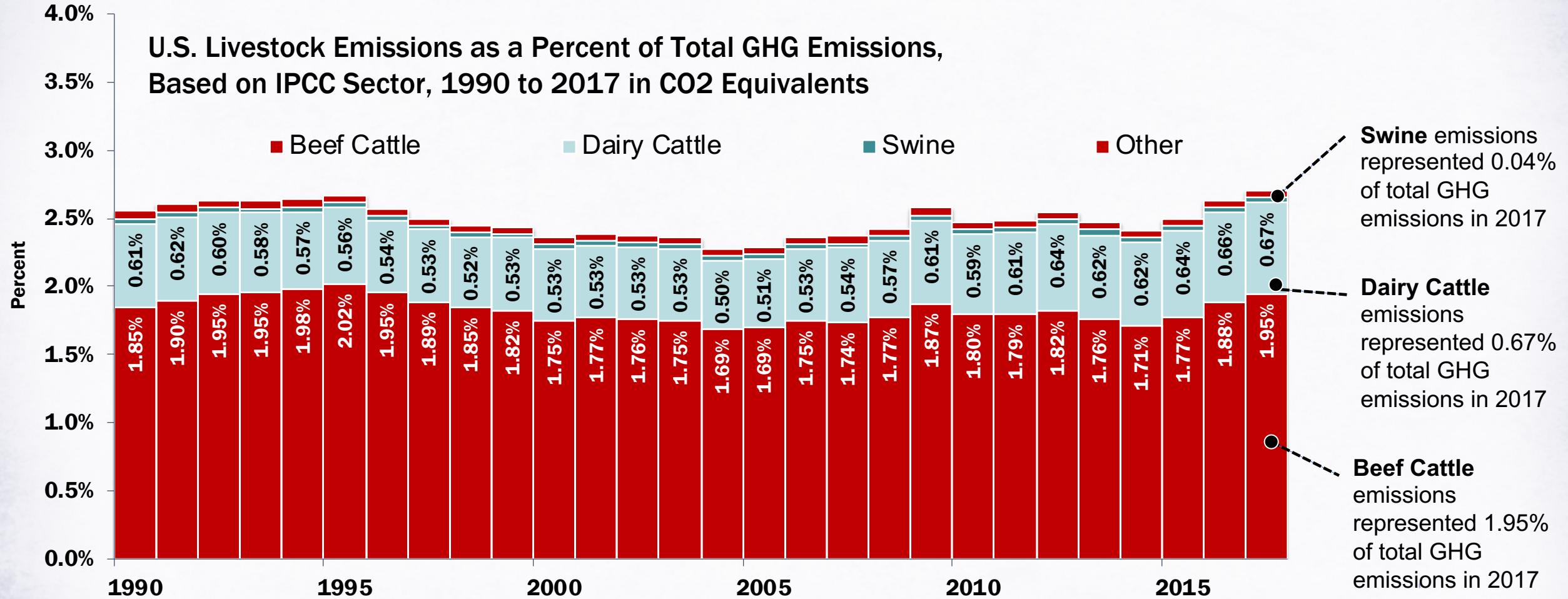
**Veterinarians**

# Agriculture's Role in The Climate Conversation



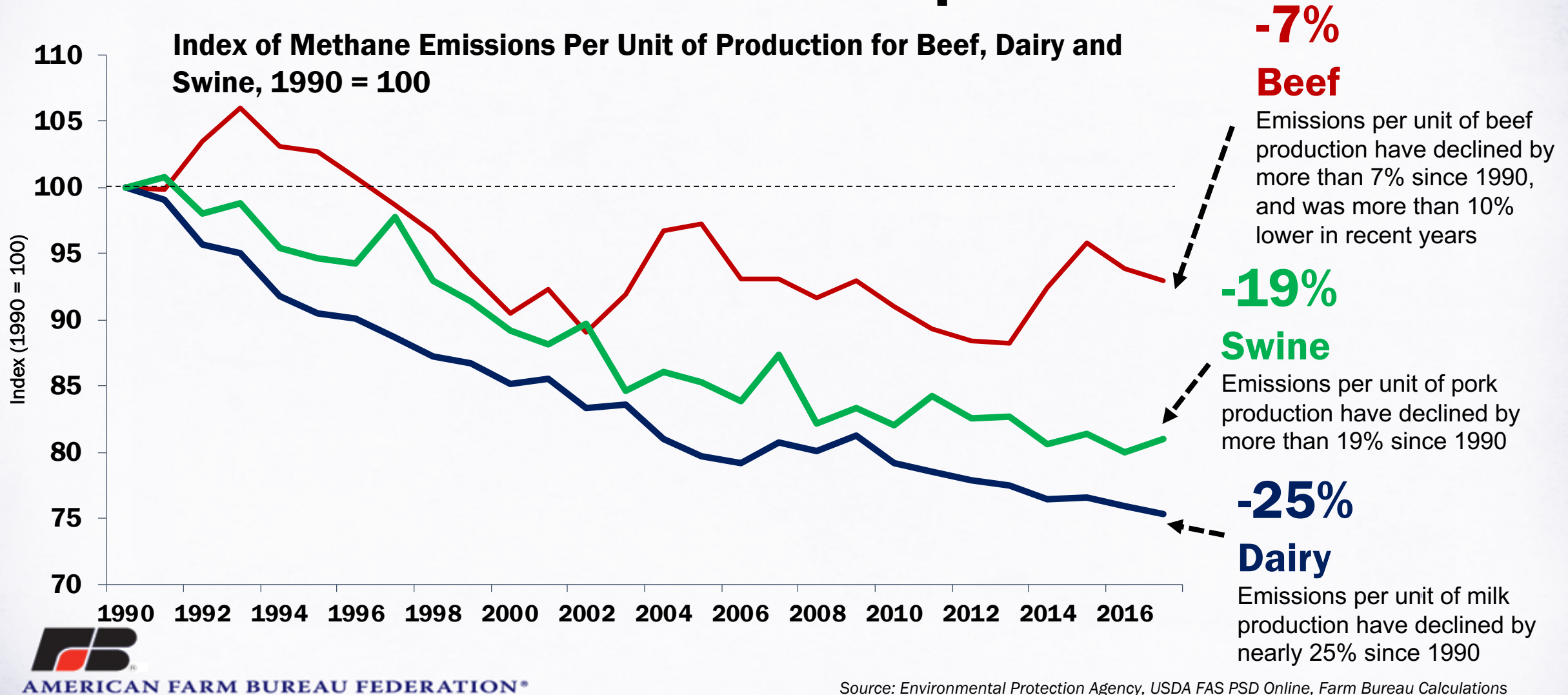
U.S. Inventory of Greenhouse Gas Emissions and Sinks, 2017

# Animal Agriculture's Role in U.S. Greenhouse Gas Emissions is Less than 3%



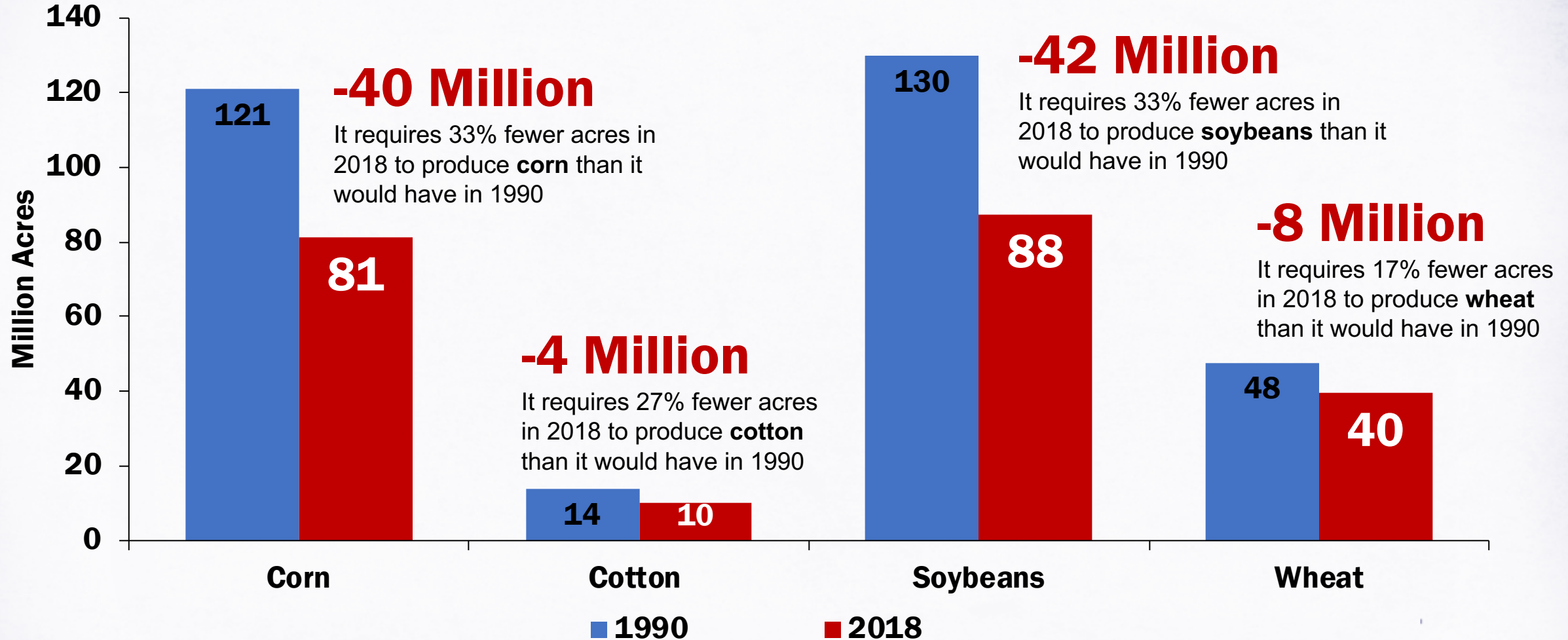


# Ag Innovation Provided An Opportunity for Livestock to Get Better & Lower GHG Footprint



# Farmers Today Do More With Fewer Acres

Harvested Acres Needed to Produce the 2018 Crop, 1990 and 2018



# Panel: Innovation As A Solution for Farmers



**Jeff Broin**

Founder  
POET

**Biofuels  
Climate Change**



**Bruce Kettler**

Director  
Indiana State Department of  
Agriculture

**Rural Viability  
Interdependency Across Ag**



**Shari Rogge-Fidler**

President  
Farm Foundation

**Challenges in Ag  
Innovation Is A Solution**



**Frank Yiannas**

Deputy Commissioner  
Food Policy and Response  
FDA

**Digitization of Food  
Food Safety & Traceability**